



PRESERVE!

Volume 10, Number 2, Spring 2011

Friends of the Lakeshore Nature Preserve Newsletter

Dedicated to the Preservation and Stewardship of our Woodlands, Wetlands, Prairies and Shorelines

Dave Mickelson to Speak at April 5 Annual Meeting

Dr. David M. Mickelson, emeritus professor of Geoscience at the University of Wisconsin – Madison, will give a talk entitled "The Geologic Story of Picnic Point and the Madison Area Lakes" at the Friends of the Lakeshore Nature Preserve Annual Meeting on Tuesday, April 5, 2011. This free program will begin at 7:00 PM at the Visitors Center of the University of Wisconsin Arboretum in Madison.

Through the last 600 million years, what is now the Madison area has experienced vastly different environments, ranging from being at the bottom of a warm shallow sea to being covered by nearly 1000 feet of glacier ice. Although much of the geologic record is missing because of erosion, this geologic history has greatly influenced our landscape of today. Dave will briefly describe the formation of the sandstone and dolomite that form the bulk of the hills and valleys in Dane County. He will discuss what is known about the pre-glacial Yahara River valley and its tributaries, and how that has influenced our present landscape. Using slides from modern glaciers and the present day Madison area, he will describe the formation of glacial features such as moraines, drumlins, eskers and erratics.

Members of the Friends of the Lakeshore Nature Preserve, the University's Preserve Committee, and the public are invited and encouraged to attend and to bring guests.

David M. Mickelson

Dave Mickelson completed degrees at Clark University, the University of Maine, and the Ohio State University before coming to the University of Wisconsin in 1971. For 33 years he taught Glacial Geology, Introductory Geomorphology, Coastal Geomorphology, Geology of the National Parks, and many advanced classes and seminars. Geomorphology is the study of earth surface processes. A major area of his research is glacial geomorphology--the work glaciers do to form landscapes. Dave has done research on modern glaciers and glacial deposits in Sweden, Norway, Argentina,

Tibet, Alaska, the Rocky Mountains, New England, and the Great Lakes area.

He now uses his expertise in earth surface processes and materials to assist in solutions to problems of shore erosion, slope stability, sand and gravel resources, and land use considerations. He and his students have mapped glacial deposits in several Wisconsin counties, and he continues to work with the Wisconsin Geological and Natural History Survey. His latest large project, a co-authored book on the Geology of the Ice Age Trail, will be published in early fall by the University of Wisconsin Press.

A member of the Friends of the Lakeshore Nature Preserve Board, Dave has spent many hours jogging, walking, and teaching in the Preserve and he looks forward to sharing his understanding of its geologic history.

Elections and Annual Meeting

A brief Friends of the Lakeshore Nature Preserve business meeting will be held. Members will elect seven Board members (see page 6).

Join us after the talk for refreshments and to meet Dave Mickelson and the new Friends of the Preserve Board members.

Friends Annual Meeting

The Geologic Story of Picnic Point and the Madison Area Lakes

By David Mickelson

Tuesday, April 5, 2011, at 7 PM

UW Arboretum Visitor Center

Spring and Summer Field Trips

Additional Field Trips will be posted on the
Friends of the Preserve Website: waa.uwalumni.com/lakeshorepreserve

Friends of the Lakeshore Nature Preserve

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Friends of the Preserve

is a 501(c)(3) non-profit organization

We Welcome Submissions to the Friends of the Lakeshore Nature Preserve Newsletter and Website

The Friends welcomes the submission of articles and announcements for our newsletter. We encourage people to share their checklists and other relevant Lakeshore Nature Preserve materials on the Friends of the Lakeshore Nature Preserve Website. For information on submitting material, call Roma Lenehan at 238-5406 or send your articles or checklists to rlenehan@charter.net. To reserve space in our next newsletter, please tell us about your material by June 17, 2011. The submission deadline is July 15, 2011.

Beginning Birding

April 9 (Saturday) 7:30 – 10:00 AM

Come on a leisurely walk to learn techniques to help you enjoy identifying and observing birds in their preferred habitats. Co-sponsored by Madison Audubon Society. Meet near the bus shelter at the Class of 1918 Marsh Parking Lot. Leader: Al Holzhueter (238-0546)

Geology of the Lakeshore Preserve

April 10 (Sunday) 2:00 – 3:30 PM

Learn about the geologic history of the Preserve as revealed in the landscape of the Muir Woods area and in the areas adjacent to Bascom Hill. Meet at the north (Observatory Dr) side of North Hall, where John Muir once lived. Park in Lot 34. Leader: Bill Barker (263-0540)

Storm Water Runoff in the Lakeshore Preserve

April 16 (Saturday) 1:00 – 2:30 PM

Join David Liebl to view and discuss the impact of storm water runoff on campus and possible management of various impacted sites. Meet at Parking Lot 34 on UW Campus. Leader: David Liebl (265-2360)

Soils of Madison and the Lakeshore Preserve

April 17 (Sunday) 10:30 – 12:00 Noon

Learn about and explore soils, soil profiles and the pattern, diversity and “memory” of the Picnic Point landscape since the last glacial retreat while hiking to “historic” soil pits in the area. Meet at the Picnic Point Parking Lot. Leader: Kevin McSweeney (712-4101)

Woodcock Walk in Biocore Prairie

April 22 (Friday) 7:30 – 8:45 PM

Join Naturalists for a sunset hike to listen for and view “skydance” – Aldo Leopold’s term for the mating flight and aerial acrobatics of the American Woodcock. Meet at Picnic Point Parking Lot. Leaders: Kathy Miner (233-2425) and Diane Dempsey (238-4342)

Beginning Birding

April 23 (Saturday) 7:30 – 10:00 AM Please see details in April 9 field trip.

Spring Wildflowers of the Preserve

April 30 (Saturday) 1:00 – 2:30 PM

Experience the beauty of spring wildflowers as we hike through some of the restored, wooded areas in the Preserve. Meet at the Picnic Point Parking Lot. Leader: Glenda Denniston (231-1530)

Lakeshore Nature Preserve Bird Hike

May 1 (Sunday) 7:30 – 10:30 AM

Join us to look for migrant and resident birds. Picnic Point is a migrant trap in bad weather and can produce spectacular collections of migrants. Co-sponsored by the Madison Audubon Society. Meet at the Class of 1918 Marsh Parking Lot. Leaders: Peter Fissel (226-0260) and Dan Doeppers (255-3013)

Warblers of Frautschi Point

May 9 (Monday) 7:30 – 9:30 AM

While we will focus on seeing warblers through the leafy foliage, we will also look for any other spring migrants. Meet at the Frautschi Point Parking Lot on Lake Mendota Drive. Leader: Roma Lenehan (238-5406)

(continued on page 9)

Picnic Point Improvements Project Moves Forward

by Gary Brown, Director, Lakeshore Nature Preserve

On November 30, 2010, the Lakeshore Nature Preserve Committee approved moving forward with the proposed improvements to the eastern tip of Picnic Point. The project will address long standing issues of soil compaction, erosion and invasive species control as well as upgrade the existing large group gathering area per the approved 2005 Lakeshore Nature Preserve Master Plan. The project has received significant public input over the past three years with various options debated and reviewed.

Ultimately, the resulting project has seen many positive changes to the original design based on this input and through negotiations with the donors. The gathering circle has been minimized and blended into the hillside using natural materials. Severe soil erosion from the compacted soils and overuse of ad hoc trails down to the water's edge will be addressed with a naturalized stone stair and overlook. Historic views out to the water and back to downtown Madison and the UW campus will be opened up with the removal of invasive buckthorn and honeysuckle. Native trees will be preserved and additional native shrubs and ground layer plantings will be added to protect the erodible slopes and provide for wildlife habitat. The existing lake safety light will be relocated to also enhance views, yet still provide the storm warning service to boaters on Lake Mendota. The gathering area will be fully accessible for those with disabilities and will meet the needs of large groups who often use the space.

Currently, the tip of Picnic Point is used by hundreds of individuals on a regular basis, including large numbers of students from UW Housing who congregate here for events each fall in groups of 40 to 80 as they begin their life living in a residence hall together. It is a special moment of bonding and

connection not only to their peers but to the campus and its natural environment epitomized by Picnic Point and its surroundings. Throughout the year, smaller groups gather here for picnics, sitting around a camp fire and telling stories new and old. Historically, the tip of Picnic Point is also heavily used by runners, walkers and bicyclists who venture out to catch views back to campus and enjoy the view out to the lake. Today those views are blocked by invasive plants forcing users to venture down the steep shorelines to the water's edge. This overuse and continual traffic has damaged the slopes, compacted the soils and created hazardous conditions for everyone. The goal of this project is to once again open up those magnificent views, provide for safe access down to the water's edge, and maintain an area for large group gatherings. The tip of Picnic Point will remain a valued destination whether we do something or not. If we don't protect this valuable resource now with these improvements, we will certainly lose it through continued degradation.

A public meeting was also recently held on the draft Environmental Impact Assessment developed to document any social, economic, biological and physical impacts of the project. The meeting was well attended and questions were answered on the details of the project. The document can be found for review on-line at: www.ayresprojectinfo.com/uw-picnicpoint-eia/.

The next step is to work with the landscape architect to develop construction drawings necessary for implementation of the project in the Summer/Fall of 2011. The project should be completed with native plantings in the Spring of 2012. Questions about the project can be directed to Gary Brown at gbrown@fpm.wisc.edu.



Picnic Point Tip Meeting Area Now (R James)



Drawing of Picnic Point Tip Proposal (Ken Saiki Design)

Green Dragons of the Sky

by Glenda Denniston

A Migrating Preserve Dragonfly

Soon we will see the first aerial dragon of spring - the Common Green Darner, *Anax junius*. It usually is the first dragonfly seen each year (April 18, in my records for 2010), reminding us that spring is really here. It is one of our few migrating dragonflies, often reappearing together with a wave of migrant birds.

The Green Darner is the most-studied member of the *Odonata*, the order of insects comprised of dragonflies and damselflies. Not only is it a large, handsome and conspicuous insect, but it also has a lot to teach us.



Mating Green Darners, June 2008, 1918 Marsh (G Denniston)

The Common Green Darner

Green Darners have an all-green thorax. Adult males have a contrasting bright blue abdomen. The abdomens of juveniles are reddish-brown and those of females can be brick red to blue or blue-gray. Strong sexual dimorphism and age-determined color changes are common in dragonflies, making their identification challenging. Darners habitually use lower perches than do other dragonflies. For more identification clues and to learn more about the behavior of these and other dragonflies see Karl and Dorothy Legler and Dave Westover's 2007 *Color Guide to the Dragonflies of Wisconsin*.

Migration Facts and Mysteries

Most of us are familiar with bird and Monarch butterfly migrations. The fact that some dragonflies also migrate long distances is not as well known.

Common Green Darners have been shown to fly long distances in migration. One individual traveled 2800 miles before being recaptured. The dragonflies break up their flights to feed, replenishing their body fat supplies during stopovers. Their directional flights occur about once every three days. Dragonflies appear to take advantage of the same patterns of weather

systems that are used by migrating birds. Thus, major flights in the fall often coincide with northerly winds and in spring with southerly winds. Some fascinating recent studies of Green Darner migration are discussed in Michael May and John Matthews' 2008 "Migration in Odonata" (in *Dragonflies and Damselflies*, A. Cordoba-Aguilar, ed., pp. 63-77).

A Complicated Life Cycle

Dragonflies of all species spend most of their life as larvae in water, before metamorphosing and emerging as adults. Most overwinter in the larval state. They are fierce predators in all stages of life.

There seem to be two distinct cohorts of Green Darners in Wisconsin, one migratory and the other permanent resident. Interestingly, the groups are not genetically different from each other.

Our permanent residents emerge from their underwater larval stage in June or July. They soon mature, mate and lay eggs which hatch into a new generation of larvae and emerge as adults the next year.

Migratory Green Darners, having hatched from eggs far to the south of Wisconsin, undergo their larval stage and metamorphose into adults there. They migrate northward in the spring, arriving here in April or May fully mature and ready to mate and lay eggs of the next generation. These migrants are the first Green Darners we see in the Preserve in spring. Resident dragonflies emerge later.

The eggs laid by the migrants will hatch and the resulting larvae metamorphose in September or October into adults ready to migrate south. Many mate during the southward migration, especially toward the end of their journey, and lay eggs and die in the south.

Keep a Phenological Record

Keeping a journal of the seasonal presence and absence of various animals, especially the dates they are first and last seen, can be an enjoyable activity for a naturalist. These records can be combined with records of the flowering time of various plant species and of other natural events. Much can be learned by reflecting on the correlations that become evident in these records.

This year, start a phenological record of your own and be sure to include the first Common Green Darner you see. Does it arrive during any particular weather pattern? Do any new birds come at the same time? What other insects are active at the time? What is the water level of local ponds when Green Darners arrive?

The answers to these questions are interesting in themselves, especially when data are recorded for several years. They also can lead to new questions to ponder.

The Friends of the Preserve Makes a Difference

In 2010 the Friends of the Lakeshore Nature Preserve supported the Preserve by donating volunteer time and money and by sponsoring educational activities.

Support

The Friends of the Preserve gave almost \$20,000 directly to the Preserve to restore and maintain the Preserve. For the fourth year, the Friends funded the weekly Prairie Partners Interns (formerly the Audubon Interns), five students who did enormous amounts of work while learning about ecology and restoration. The Friends gave another \$5000 to the Stewardship Fund to control invasive species and to purchase plants.

The gift of \$10,000 for brush removal in the East Bill's Woods Project transformed the Friends Project area, increasing light and freeing previously planted shrubs and plants. In March contractors cut and treated hundreds of small non-native trees and shrubs. Volunteers and staff spent hours dragging and piling the brush. After the contractors chipped this brush, staff and volunteers spread the chips on the trails.

The Friends also purchased and planted \$3,985 worth of plants, trees and shrubs. Volunteers grew hundreds of additional plants in the greenhouse, planting local ecotype seeds from Tom and Kathie Brock. These plants were planted in the East Bill's Woods area, along the Big Oak Trail and Frautschi Point gully, and in other places where they were needed. Savanna areas were seeded using seeds donated by the Brocks.

Field Work

Volunteer opportunities in the Preserve expanded. Bryn Sriver and the new Friends Volunteer Committee led by John Magnuson arranged and helped lead two volunteer days per month. These volunteer days controlled invasive species, planted plants, built trails, and helped the staff care for the Preserve. Many of the volunteer days focused on the Friends East Bill's Woods area. Thanks to the work in this area, the spring wildflowers should be especially beautiful this year. Join Glenda Denniston's April 30 field trip to see them!

In addition, the Friends of the Preserve volunteers continue to work throughout the Preserve, working on the savanna edges in many areas including Frautschi Point. Volunteers spent much time controlling invasive species like Garlic Mustard and Burdock. Despite the relatively low Garlic Mustard year, Friends volunteers spent more than 410 hours collecting more than 85 bags of Garlic Mustard throughout the Preserve.

Outreach

The Friends educational program continued to increase awareness of the Preserve and its history and ecology. In April 104 people saw Mike McDowell's beautiful bird slides at the Friends Annual Meeting. More than 184 people attended the fifteen Friends sponsored field trips. The nine field trips the Friends co-sponsored with the Madison Audubon Society attracted at least as many participants.

The Friends membership also grew to 314.

Changes at the Preserve

Several exciting developments occurred during the last year. Gary Brown became Director of the Preserve (see the Winter 2010 *PRESERVE!*). Bryn Sriver, the Outreach Specialist, and Adam Gundlach, the Research Gardener, are now full time, helping Cathie Bruner, the Field Manager. These staff changes, partially funded by donations to the Stewardship Fund, will enhance volunteer coordination and improve caretaking of the Preserve. The Picnic Point Tip Project (see page 3) construction is scheduled to begin in 2011, improving views of and access to the lake, while decreasing erosion and providing a gathering place.

Tenth Anniversary

This year is the Friends of the Preserve's Tenth Anniversary. The Friends organization was founded September 19, 2001. Our celebration will culminate in next year's April 2012 Annual Meeting. Look for information in future newsletters.

Meantime, please join us for the April 5 Annual Meeting, a field trip, and a work party!

Thank you all for making this a successful year.

Friends of the Lakeshore Nature Preserve 2010 Financial Report

Balance of as 1/1/10 **\$55,950**

Income

Membership \$16,020

Gifts and Memorials 2,380

Note Cards 80

Interest 191

Total Income **\$18,671**

Expenses

Planting Projects \$3,985

East Bill's Woods Brush Control 10,000

Gift to Preserve Stewardship Fund 5,000

Interns (Prairie Partners) 4,896

Gift to Students of the Preserve 150

Newsletter Printing and Mailing 1,380

Membership Expenses 292

Annual Meeting 191

General Expenses 126

Total Expenses **\$26,020**

Balance as of 12/31/10 **\$48,600**

Friends of the Lakeshore Nature Preserve Board Nominees

Submitted by the Nominating Committee

The Annual Meeting will include the election of seven Board members, five to serve a three year term, one to serve one year to complete an unfinished term, and a student to serve a one year term on the Friends of the Lakeshore Nature Preserve Board of Directors. The Friends Nominating Committee, David Liebl, Mara McDonald (Chair), and John Magnuson, recommends these candidates. The Friends Board endorsed this recommendation. Others may be nominated by the membership at the meeting. All current members of the Friends of the Preserve present at the Annual Meeting are eligible to vote.

Patricia Becker. Pat is a volunteer at the Biocore Prairie Bird Observatory banding station, with a longstanding interest in the preservation of bird habitat and a history of taking part in many national and international trips and workshops for birding. Conservation is a perennial passion for her, expressed through membership in and volunteering with the Sierra Club, Audubon Society, American Birding Association, Nature Conservancy, Natural Resources Foundation, and the Ice Age Trail Foundation. She is interested in contributing to the growth and development of the Friends of the Preserve. She is an emerita professor in the UW-Madison School of Nursing with a PhD in developmental psychobiology.

Paul Borowsky. As a graduate student in anthropology, Paul walked and commuted through the Preserve on his way to classes. Since then, Paul's awareness of the Preserve and how it contributes to our community has grown. Paul is a naturalist and educator at the UW Arboretum as well as a social science and adult education instructor at MATC. He leads trips and classes covering a variety of ecological and cultural resource management issues, including the effigy mounds. Whenever he can, Paul does prairie, oak savanna, and woodland maintenance and restoration work as an employee of the Arboretum, a volunteer, and a homeowner. He sees this work as a great opportunity to learn and make a healthy, positive contribution to our neighborhoods and to special places like the Preserve.

Susan Carpenter. Susan works in land care and outreach at the UW Arboretum. She has been the Arboretum native plant gardener for eight years, working with students and volunteers to install and maintain diverse gardens representing native plant communities of Southern Wisconsin. Her outreach activities include talks, tours, articles, plant identification, teaching gardening practices and mentoring. At the Arboretum, Susan also coordinates the ranger unit, working with student rangers and volunteer stewards, who patrol and maintain trails and educate visitors. She has also worked in education – teaching, designing curriculum, and conducting teacher professional development and classroom research. She is excited to learn more about the Preserve and its sustainable management by and for the university community.

Glenda Denniston. Glenda is a founding member of the Friends and served on the Board for six years, three as Vice President. She is an active member of the Volunteer, Communications, and Projects Committees of the Friends and also of the Preserve Committee's Planning and Implementation Subcommittee. Glenda has a "passionate concern" for the protection of the Lakeshore Nature Preserve. She has extensive Preserve experience and is familiar with its vegetation and wildlife. She helped plan and carry out the Friends Eastern Bill's Woods Planting Project and is still actively involved in this and other restoration projects, including winter native seed propagation in the Walnut Street Greenhouses. She is a Steward of the Preserve who leads volunteers in restoration work and also contributes many hours of individual volunteer work.

Gisela Kutzbach. (Second term) Gisela has served on the Board of the Friends for the past three years. She has been an avid lover of natural environments, a hiker, and a wildflower enthusiast since childhood. She is aware of the delicate balance between the need for preserving natural areas and the need for appropriate public access and service. Currently, she is managing the membership database of the Friends. She chairs the recently established Friends Project Committee, which collaborates with Preserve staff and the UW Preserve Committee.

Jeff Lorch. (Student, one year term) Jeff is a graduate student in the Molecular and Environmental Toxicology program studying white-nose syndrome, a disease that is decimating bat populations in the eastern U.S. As a freshman he banded birds at the Biocore Prairie. He found the Preserve to be a great place to escape the stresses of student life and feel closer to nature. Although his research is primarily on bats, he is interested in all wildlife and has worked with the DNR and private landowners to plan the management of populations of rare and endangered species of birds, mammals, reptiles, amphibians, and plants. He hopes to develop monitoring and management techniques for the "underappreciated" species that inhabit the Preserve. He is also passionate about environmental education and is obtaining a teaching certificate.

Marcia Schmidt. (Second term) Marcia has worked with the Friends of the Preserve from the organization's beginning. She compiled the first mailing list used for the successful initial membership drive. She has extensive experience with print production and computer applications. She helped design the newsletter, note cards, and most other forms and mailings for the Friends. She continues to help with the Friends website and newsletter. Marcia serves on the Communications and Membership Committees and serves as the Treasurer for the Friends.

Announcements

Preserve Parking Issues

Despite the three hour parking signs in the parking lots on the base of Picnic Point and at the Class of 1918 Marsh, people are increasingly using these lots as commuter parking lots, parking for free and taking the free Campus Bus. Unfortunately, this leaves no place for Preserve users to park. For now, there will be increased enforcement of the three hour limit.

Arboretum Native Plant Sale May 7, 2011

The Friends of the Arboretum Native Plant Sale will be Saturday, May 7, 2011, from 9 AM to 2 PM at the wildflower tent near the Arboretum Visitor Center. Over 100 varieties of woodland flowers, prairie plants, ferns and native shrubs will be for sale. Experts will be on hand to answer questions. The plants are native to the area and propagated (not collected from the wild). Native trees, shrubs, and mixes of prairie plants may be pre-ordered through March 25 (available by calling 263-7760 or www.uwarboretum.org/foa).

2010 Preserve Christmas Bird Count

Ninety-nine observers found 83 bird species on the December 18th Madison Christmas Bird Count. Despite the fact that the shallow adjoining bays were frozen, 33 of these bird species were seen in the Picnic Point sector. Four Bald Eagles and 2 Barred Owls were found. Late birds included 1 Belted Kingfisher, 1 Northern Flicker, 6 Eastern Bluebirds, 1 Hermit Thrush, 8 Robins, 1 Winter Wren, 3 Cedar Waxwing, 3 Song, 1 Swamp, and 1 White-throated Sparrow. The only waterfowl found were Mallards.

Spring Wildflowers



Rue Anemone Planted in Bill's Woods (G Denniston)

Retiring Board Members

The Friends of the Preserve Board thanks the following Board members who are retiring from the Board. Each of these generously shared their time and expertise with the Friends and we will miss them.

Phil Certain shared his administrative expertise, guiding the Board and Executive Committee. He served on the Bylaws revision committee.

Diane Dempsey and **Sylvia Marek** served on the Education Committee, effectively organizing the diverse field trips and the Friends Annual Meetings. Diane served as Committee Chair. They continued Kennedy's efforts to expand the breadth of field trips in the Preserve while attracting additional attendees. This year they have organized the first all day trip beyond the Preserve for Friends members. Sylvia also served on the Volunteer Committee.

Peter Ganzlin, an undergraduate student, brought the student perspective to the Friends of the Preserve. He kept the Friends informed about the activities of the Students of the Lakeshore Nature Preserve while updating the student group about Friends activities. He also served on the Volunteer Committee.

Kennedy Gilchrist has enthusiastically shared six years with the Friends of the Preserve Board. He served as President for two years. Kennedy increased the visibility of the Friends throughout the Madison and University communities. After serving three years on the Education Committee, during which the number and diversity of field trips expanded, he continued to support the outreach program as President. Kennedy was also an enthusiastic volunteer, attending most of the volunteer work parties as well as working regularly with the Audubon Interns. He also served as a Buckthorn and Burdock weed warrior, focusing on eradicating these in specific staff defined areas. While he was President, the opportunity for volunteering in the Preserve grew significantly. By working regularly throughout the year, Friends volunteers were able to increase their contribution to Preserve caretaking.

Thank you all. We hope to continue to work with you.

Friends of the Preserve Tenth Anniversary

The Friends of the Lakeshore Nature Preserve's Tenth Anniversary will be September 19, 2011. The Anniversary celebration, lasting through the 2011-2012 academic year, will culminate in next year's April 2012 Annual Meeting. Please look for more information in future newsletters!

Help Care for the Preserve

Opportunities to volunteer and help care for and maintain the Preserve continue to expand. The need for volunteers continues to grow as more areas are restored. Regular Friends volunteer days, set up by the Friends Volunteer Committee, will occur twice monthly (see box). Early in the spring, the volunteers will focus on control of woody brush. Garlic Mustard, which should be more abundant than last year, will be controlled throughout the spring. In May, the volunteer focus will be planting. Subsequently, invasive species control and plant care will continue throughout the summer and fall. Bryn Scriver, the Preserve Outreach Specialist welcomes volunteers – send her (bscriver@fpm.wisc.edu) your email today if you want additional volunteer information or to participate in other projects in the Preserve.

Monthly Scheduled Volunteer Days

The Preserve staff and the Friends Volunteer Committee continue to organize two monthly Preserve volunteer days. Many of these activities will focus on the Friends Eastern Bill's Woods project area. Other volunteer days will focus on caring for other Preserve areas. Please participate in one or more of these days:

Day	Time	Place	Activity
Mar. 20 Sun	9-12	Picnic Pt	Invasive control
Mar. 21 Mon	9-12	Picnic Pt	Invasive control
April 16 Sat	1:30-3:30	Frautschi Pt	Garlic Mustard
April 18 Mon	1:30-3:30	Frautschi Pt	Garlic Mustard
May 15 Sun	9-12	Picnic Pt	Planting
May 16 Mon	9-12	Picnic Pt	Planting
June 18 Sat	9-12	Picnic Pt	*
June 20 Mon	9-12	Picnic Pt	*
July 17 Sun	9-12	*	*
July 18 Mon	9-12	*	*
Aug. 20 Sat	9-12	*	*
Aug. 22 Mon	9-12	*	*

*To be announced. Check www.lakeshorepreserve.wisc.edu

Eastern Bill's Woods

Much progress was made in Eastern Bill's Woods last year, opening up the area and enabling the plantings to thrive. Although most of the large brush was removed, smaller brush removal will continue in the Eastern Bill's Woods project. Please join us to plant additional plants in this area on May 15 and 16.

To help with Eastern Bill's Woods or other Friends plantings, please contact Glenda Denniston, denniston@wisc.edu or 231-1530.

Garlic Mustard

Garlic Mustard, after more than a decade of control, is much improved. However, the Preserve still needs volunteer help to continue the improvement. In contrast to last year, 2011 should be a "high" Garlic Mustard year in the Preserve. Without a Pull-A-Thon to attract additional volunteers, we will need more volunteers at the regular work parties to control Garlic Mustard (see table below). Work parties also offer opportunities to see wildflowers and hear birds in areas of the Preserve that most people don't visit.

Garlic Mustard seed continues to germinate for up to eight years. Thus, although there are fewer plants, many areas still have scattered Garlic Mustard. A single missed plant can make 1500 seeds, starting a new circle that has to be managed for eight more years! Thus, even as Garlic Mustard becomes more rare, we have to remain vigilant. Furthermore, when disturbed by restoration, Garlic Mustard populations often explode, necessitating control.

Please help control Garlic Mustard! Attend one or more Garlic Mustard work parties. Or, contact Roma (rlenehan@charter.net or 238-5406) and work with her on a day of your choice (snow melt – June 28)!

Spring 2011 Garlic Mustard Work Parties Schedule

Date	Day	Time	Meeting Place	Date	Day	Time	Meeting Place
April 2	Sat	1:30-3:30	Picnic Point	* April 18	Mon	1:30-3:30	Frautschi Point
* April 7	Thu	1:30-3:30	Frautschi Point	* April 21	Thu	1:30-3:30	Frautschi Point
April 9	Sat	1:30-3:30	Picnic Point	* April 26	Tue	1:30-3:30	Frautschi Point
* April 13	Wed	1:30-3:30	Frautschi Point	April 30	Sat	9-12	Picnic Point
* April 16	Sat	1:30-3:30	Frautschi Point	* May 4	Wed	1:30-3:30	Frautschi Point

* Friends sponsored work parties

Roma Lenehan 238-5406 rlenehan@charter.net

Bryn Scriver 220-5560 bscriver@fpm.wisc.edu

For additional Work Party dates, see: www.lakeshorepreserve.wisc.edu

Field Trips (continued from page 2)

Bird Banding at Biocore Prairie Bird Observatory

May 14 (Saturday) 8:00 AM – 12:00 Noon – Drop in!
Learn about bird banding (possibly with a bird in hand) and appreciate the importance of bird banding to conservation. Co-sponsored by the Madison Audubon Society. Park at Frautschi Point or Picnic Point Parking Lot and walk to the Biocore Prairie.
Leader: Mara McDonald (274-2534)

Lake Mendota and the Lakeshore Nature Preserve

May 25 (Wednesday) 10:00 – 11:30 AM
(Weather date on Friday, May 27)
Come learn about the ecotone (transition) and the interactions between the lake and the Preserve. Find out about the changes in Lake Mendota over the years. The boat we will use is the LIMNOS, operated by the Center for Limnology for teaching and research. Group size will

be limited to 12 participants. Please reserve your place by emailing John. Meet at the Limnology Parking Lot 8.
Leader: John Magnuson (jjmagnus@wisc.edu, 262-3010)

Fern Walk in the Preserve

June 5 (Sunday) 10:00 – 11:30 AM
Join us and learn about ferns – about their natural history and ferns that are found in the Preserve and in the Madison area. Meet at the Picnic Point Parking Lot.
Leader: Emily Sessa (770-8716)

Pretty Things with Wings

July 17 (Sunday) 10:00 AM – 12 Noon
Join us in a search for butterflies, dragonflies, and an occasional bird. Bring your binoculars. Co-sponsored by the Madison Audubon Society and the Southern Wisconsin Butterfly Association. Meet at the Picnic Point Parking Lot. Leader: Edgar Spalding (265-5294)

All Day Field Trip: Geology and Landscape of Central Dane County

Travel with Friends of the Lakeshore Preserve Sunday, July 10, 2011: 8:30 AM – 4:30 PM

Join John Harrington (University of Wisconsin-Madison (UW) Professor of Landscape Architecture) and Dave Mickelson (UW Professor of Geoscience) on a field trip across central Dane County that will integrate a discussion of landscape history, sediment/soil relationships with vegetation patterns and history. We will visit a range of landscapes including: drumlin/shallow glacial lake setting, sand and gravel outwash-prairie, end moraines with southern hardwood forest and a Driftless Area oak savanna. Leaving from the Class of 1918 Marsh Parking Lot, this trip begins with a tour of some Preserve and Campus areas. **Join us for this exciting trip!**

July 10 Trip Details

Registration deadline: June 24, 2011

Capacity: Trip MUST have minimum of 42 people for trip to go. Limited to 52 people on a first-come basis.

Schedule: Leave from Class of 1918 Marsh Parking Lot at 8:30 AM

Return to Class of 1918 Marsh Parking Lot at 4:30 PM

Fee: \$14.00 per person – includes coach transportation, water, juices

Participants must bring their own 'brown bag lunch' Beverages will be provided on bus

Geology and Landscape of Central Dane County

Your name _____

Guest names _____

Your address _____

_____ Zip code _____

Your phone (days) _____ (nights) _____

Your e-mail _____

Please make checks payable to Friends of the Lakeshore Preserve

_____ Number participating @ \$14.00 each

Mail to: Diane Dempsey

\$ _____ Total payment enclosed

3232 Lake Mendota Drive
Madison, WI 53705

Eastern Bill's Woods Planting Party

Sunday, May 15, and
Monday, May 16,
9- Noon

Meet at the gate at Picnic Point

Come plant with the Friends of the Preserve in Eastern Bill's Woods on Sunday, May 15, and Monday, May 16, from 9 to Noon. We hope to plant hundreds of native plants in the established restoration and in the newly cleared areas. Bring gloves and a trowel if you have them – otherwise they will be provided. This event will kick off our 2011 planting season.

Come one and all and celebrate spring by helping your local natural area!

For information, contact Glenda Denniston
(denniston@wisc.edu or 231-1530).



Wild Columbine Planted in Bill's Woods (G Denniston)

Friends of the Preserve
P.O. Box 55056
Madison, WI 53705

Friends Annual Meeting

April 5, 2011 at 7 PM
UW Arboretum Visitor Center